

**Table 17. USDA Unifrom Southern Soft Red Winter Wheat Nursery at Baton Rouge, 2009.**

Cooperator: HARRISON, ARCENEAUX, SCHEXNAYDER, MCCARTHY														
Location: BATON ROUGE														
No. of Reps: 2		Harvest Plot Area (sq.ft.): 70			Yield LSD (.05') 11.1			Yield CV%:						
Fertilizer: 16-48-48 +90-0-0				Seed Date: 11/15/2008				Harvest Date: 5/21/2009						
Date/Feekes Growth Stage When Scored					10.1	11	11							
ENTRY NO.	CULTIVAR/ DESIGNATION	YIELD bu/A	Yield rank	TEST WT. lbs/bu	HEADING DATE Julian	HEIGHT in.	LODGING 0-9	WINTER KILL 0-9	POWDERY MILDEW	LEAF RUST 0-9	STEM RUST 0-9	FHB SCAB	BLACK POINT 0-9	PHENO TYPE 0-9
1	AGS 2000	79.1	19	59.1	78.0	42.0	5.3			0.3	0		2.5	5.3
2	Pioneer Brand 26R61	82.5	10	59.3	81.5	42.5	0.0			0.3	0		6.5	3.2
3	Coker 9553	83.7	9	59.1	90.5	40.5	0.0			2.7	5		1.5	4.8
4	VA02W-555	78.7	20	58.2	97.5	37.5	0.0			0.3	0		0.5	5.2
5	MO011126	49.9	35	55.2		39.5	0.0			1.7	4		2.0	6.2
6	NC04-20814	52.2	34	54.6		37.5	0.0			2.0	1		1.0	6.3
7	LA01140D-70	77.2	21	58.8	80.0	45.0	1.3			0.3	1		2.5	4.3
8	TN802	24.5	40	47.3		38.0	0.0			3.3	7		1.0	6.8
9	TN501	53.1	33	56.1		44.5	0.0			0.7	4		1.0	5.5
10	W990002K1	82.0	12	56.8	78.5	36.5	0.0			0.7	0		0.0	4.2
11	W980031K1	80.4	16	59.4	83.0	42.5	1.0			0.3	3		5.5	4.0
12	W980031L1	65.8	27	56.7	95.0	40.5	0.0			2.7	4		1.0	5.5
13	GA031238-DH7-7E34	81.0	14	57.7	94.5	36.5	0.0			0.0	0		1.0	4.7
14	GA001170-7E26	99.9	1	59.5	83.0	38.5	0.0			0.3	1		1.0	2.8
15	GA001169-7E15	79.4	18	58.5	78.0	38.0	6.3			0.3	0		1.0	5.0
16	GA001492-7E9	80.1	17	58.5	80.0	41.0	2.8			1.3	1		0.5	4.0
17	MD01W233-07-1	74.5	22	59.0	94.5	35.5	0.0			0.7	2		2.0	4.8
18	MD00W53-07-1	67.7	26	58.4	83.0	38.0	0.0			0.0	3		1.0	4.5
19	G89270	56.9	32	58.1	106.0	41.5	0.0			1.7	2		0.5	7.0
20	G89283	45.3	37	53.3		39.0	0.0			3.7	2		0.5	7.7
21	G89267	49.5	36	51.1		37.5	0.0			2.3	0		0.0	6.8
22	B040798	40.4	38	48.6		39.5	0.0			1.7	7		1.5	6.8
23	D05-6189	81.7	13	55.7	72.5	41.0	0.0			1.0	0		2.0	5.8
24	D05*6441	82.4	11	58.9	80.0	39.5	0.0			0.3	0		0.5	4.2
25	FL01029-K1	86.1	5	59.8	76.5	40.5	5.0			0.0	0		0.5	5.2
26	Z03-0496	40.4	39	53.4		38.0	0.0			2.3	2		1.5	5.7
27	ARS03-5358	68.9	24	57.8	80.0	45.0	6.0			0.0	0		0.5	5.7
28	ARS05-0443	62.8	30	54.8	105.0	38.5	0.0			1.0	0		5.0	5.2
29	VA04W-90	84.6	7	57.4	83.5	39.5	0.0			1.0	5		0.5	4.7
30	VA05W-139	80.7	15	57.8	94.0	37.5	0.0			0.7	3		0.0	4.2
31	VA06W-392	83.9	8	57.7	80.0	38.0	3.5			0.3	3		1.5	4.5
32	VA05W-251	85.5	6	55.5	79.0	37.5	1.0			0.0	5		0.0	4.5
33	LA01034D-235-1	95.3	3	56.8	81.5	39.5	0.0			0.7	0		7.0	3.0
34	LA01029D-139-3	89.6	4	59.3	78.5	42.0	3.3			0.3	1		1.0	5.2
35	LA01139D-56-1	97.8	2	58.6	80.0	39.5	0.0			1.0	0		3.5	3.5
36	AR96052-4-3	63.7	29	57.0	97.5	40.0	0.0			0.0	0		3.0	6.0
37	AR98088-1-1	68.5	25	58.7	80.0	41.5	6.0			4.3	2		0.0	5.5
38	NC05-21090	64.1	28	54.8		37.5	0.0			1.0	0		1.0	5.3
39	NC05-20276	69.4	23	56.5		36.5	0.0			0.0	0		1.0	6.0
40	NC05-19684	58.9	31	57.8	104.0	35.5	0.0			0.0	1		1.5	6.7
<b>LOCATION MEAN:</b>		<b>71.2</b>		<b>56.8</b>	<b>84.8</b>	<b>39.5</b>	<b>1.0</b>			<b>1.0</b>			<b>1.6</b>	<b>5.2</b>
<b>CV%</b>		<b>7.7</b>		<b>1.4</b>	<b>3.2</b>	<b>2.7</b>	<b>90.8</b>			<b>106.9</b>			<b>49.6</b>	<b>10.4</b>
<b>LSD(0.10)</b>		<b>9.2</b>		<b>1.3</b>	<b>4.9</b>	<b>1.8</b>	<b>1.6</b>			<b>1.5</b>			<b>1.3</b>	<b>0.9</b>

COMMENTS: Lodging caused in early April by a strong storm (rain + 60 mph wind) just after heading.

Leaf rust from 2 yield plot reps plus a headrow plot

Stem Rust from a headrow plot at Crowley (southwest LA)

Blackpoint pretty severe from frequent rainfall during late grainfill.

Phenotype: 0 = excellent, 9 = very poor - average of 3 ratings in spring.